

Listing of the Claims

This listing of claims is provided for the Examiner's convenience only; no amendments have been made by the instant Response:

Listing of Claims:

Claim 1 (Previously presented): A thermoplastic molding composition comprising:

- (A) at least one polymeric resin selected from the group consisting of polycarbonate, polyester carbonate, polyamide, polyalkylene terephthalate and polyoxymethylene; and
- (B) a co-precipitated mixture of,
 - (i) a graft polymer B.1 in latex form that is prepared by means of a redox initiation system consisting of,
 - an oxidizing agent selected from the group consisting of di-tert.-butyl peroxide, cumene hydroperoxide, dicyclohexyl percarbonate, tert.-butyl hydroperoxide, p-menthane hydroperoxide, H₂O₂ and combinations thereof, and
 - a reducing agent selected from the group consisting of salts of sulfinic acid, salts of sulfurous acid, ascorbic acid, and salts of ascorbic acid, sodium formaldehyde sulfoxylate, mono-hydroxyacetone, di-hydroxyacetone, sugars, iron(II) salts, tin(II) salts, titanium(III) salts and combinations thereof, and
 - (ii) a graft copolymer B.2 in latex form that is prepared by means of an initiation system consisting of persulfate compounds

wherein each of B.1 and B.2 is a product of polymerizations of i) from 5 to 95 wt.% of at least one vinyl monomer with ii) from 95 to 5 wt.% of one or more crosslinked graft bases having glass transition temperatures lower than 10°C.

Claim 2 (Original): The composition according to Claim 1 comprising 10 to 99.5 parts by weight of component A) and 0.5 to 90 parts by weight of component B).

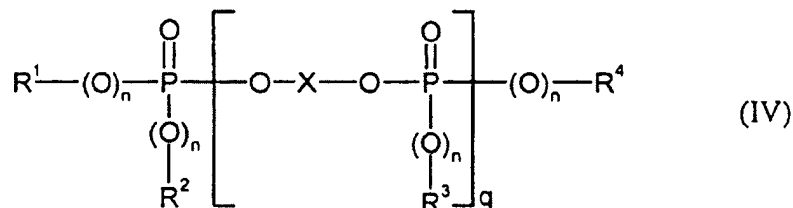
Claim 3 (Original): The composition according to Claim 2 further comprising at least one flameproofing agent.

Claim 4 (Original): The composition according to Claim 1 further comprising at least one fluorinated polyolefin.

Claim 5 (Original): The composition according to Claim 1 further comprising at least one vinyl (co)polymer, B.3.

Claim 6 (Original): The composition according to Claim 3 wherein the flameproofing agent is selected from the group consisting of monomeric and oligomeric phosphorus compounds.

Claim 7 (Previously presented): The composition according to Claim 6 wherein the phosphorus compounds conform to formula



wherein

R^1 , R^2 , R^3 and R^4 independently one of the others represents a member selected from the group consisting of C_1 - to C_8 -alkyl, C_5 - to C_6 -cycloalkyl, C_6 - to C_{20} -aryl and C_7 - to C_{12} -aralkyl,

n independently one of the others is 0 or 1,

q is 0 to 30, and

X is a mono- or poly-nuclear aromatic radical having 6 to 30 carbon atoms, or a linear or branched aliphatic radical having from 2 to 30 carbon atoms.

Claim 8 (Previously presented): The composition according to Claim 5 wherein the vinyl (co)polymer is the product of polymerization of at least one monomer selected from the group

consisting of vinyl aromatic compounds, vinyl cyanides, (meth)acrylic acid (C₁-C₈)-alkyl esters, unsaturated carboxylic acids and derivatives of unsaturated carboxylic acids.

Claim 9 (Original): The composition according to Claim 8 wherein the vinyl (co)polymer is a product of polymerization of from 50 to 99 parts by weight of at least one monomer selected from the group consisting of vinyl aromatic compounds and (meth)acrylic acid (C₁-C₈)-alkyl esters and 1 to 50 parts by weight of at least one monomer selected from the group consisting of vinyl cyanides and (meth)acrylic acid (C₁-C₈)-alkyl esters.

Claim 10 (Original): The composition according to Claim 1 wherein the polymeric resin is selected from the group consisting of polycarbonate and polyamide.

Claim 11 (Cancelled).

Claim 12 (Previously presented): The composition according to Claim 1, wherein i) is a mixture of

- i1) from 50 to 99 parts by weight of at least one monomer selected from a first group consisting of vinyl aromatic compounds, vinyl aromatic compounds substituted on the ring, and (meth)acrylic acid (C₁-C₈)-alkyl esters, and
- i2) from 1 to 50 parts by weight of at least one monomer selected from a second group consisting of vinyl cyanides, (meth)acrylic acid (C₁-C₈)-alkyl esters and derivatives of unsaturated carboxylic acids.

Claim 13 (Original): The composition according to Claim 12, wherein said first group consists of styrene, α -methylstyrene and methyl methacrylate, and said second group consists of acrylonitrile, maleic anhydride and methyl methacrylate.

Claim 14 (Previously presented): The composition according to Claim 1, wherein the graft base is selected from the group consisting of diene rubbers, EP(D)M rubbers and acrylate rubbers.

Claim 15 (Original): The composition according to Claim 14, wherein the graft base is selected from the group consisting of polybutadiene and butadiene/styrene copolymer.

Claim 16 (Original): The composition according to Claim 1, wherein the ratio by weight of graft polymer B.1:B.2 is 95:5 to 5:95.

Claim 17 (Original): The composition according to Claim 16, wherein the ratio is 90:10 to 25:75.

Claim 18 (Original): The composition according to Claim 17, wherein the ratio is 85:15 to 50:50.

Claim 19 (Original): The composition according to Claim 5 wherein B and B.3 relate by weight as 90:10 to 10:90.

Claim 20 (Original): The composition according to Claim 19 wherein the ratio by weight of B:B.3 is 80:20 to 30:70.

Claim 21 (Original): The composition according to Claim 3 wherein flame proofing agent is present in an amount of 0 to 20 parts by weight.

Claim 22 (Original): The compositions according to Claim 1 comprising 20 to 98.5 parts by weight of A) and 1.5 to 80 parts by weight of B).

Claim 23 (Original): The composition according to Claim 22 containing 30 to 98 parts by weight of A) and 2 to 70 parts by weight of B).

Claim 24 (Original): The compositions according to Claim 1 further comprising at least one polymer additive selected from the group consisting of lubricants, mold-release agents, nucleating agents, antistatics, stabilizers, fillers, reinforcing materials, colorants and pigments.

Claim 25 (Original): A molded article comprising the composition of Claim 1.